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CURRENT SERIAL RECORDS

WATER SUPPLY OUTLOOK FOR IDAHO

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

UNITED STATES DEPARTMENT of AGRICULTURE...SOIL CONSERVATION SERVICE,
and

IDAHO STATE RECLAMATION ENGINEER

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF
MAR. 1, 1968

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season as they affect runoff will add to be an effective average. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1400 snow courses in Western United States and in the Columbia Basin in British Columbia. In the near future, it is anticipated that automatic snow water equivalent sensing devices along with radio telemetry will provide a continuous record of snow water equivalent at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

PUBLISHED BY SOIL CONSERVATION SERVICE

D. A. WILLIAMS, Administrator

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, Western Regional Technical Service Center, Room 507, 701 N. W. Glisan, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	P. O. Box "F", Palmer, Alaska 99645
Arizona	6029 Federal Building, Phoenix, Arizona 85205
Colorado (N. Mex.)	12417 Federal Building, Denver, Colorado 80202
Idaho	P. O. Box 38, Boise, Idaho 83707
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1218 S. W. Washington St., Portland, Oregon 97205
Utah	4012 Federal Building, Salt Lake City, Utah 84111
Washington	360 Federal Office Building, Spokane, Washington 99201
Wyoming	P. O. Box 340, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 --- and for British Columbia by the Department of Lands, Forests and Water Resources, Water Resources Service, Parliament Building, Victoria, British Columbia



WATER SUPPLY OUTLOOK FOR IDAHO

and
FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

Issued by

D.A. WILLIAMS

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SOIL CONSERVATION SERVICE
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WATER SUPPLY OUTLOOK for IDAHO



GENERAL SUMMARY FOR MARCH 1, 1968

Snowfall during February was very erratic throughout the entire state. Unusually warm temperatures near the first and last of February melted practically all of the low elevation snowpack. In some areas, these high temperatures broke all records back to 1936. However, one heavy storm occurred between these two warm periods which resulted in total snowfall being only slightly below the average for the month of February. The radio reporting snow course at Trinity Mountain recorded an increase of eight inches of snow-water between February 16 and 27.

Water supply forecasts for the irrigation season vary from 61% of normal on inflow to Magic Reservoir to 110% for the Big Lost River near Howell Ranch. The main stem of the Snake River has a near normal snowpack with soil moisture beneath the snow either saturated or above the average. Generally speaking, the melting snow at low elevations and the rain that occurred during the heavy storm, primed the soils throughout the valleys and foothills of the state. This is a very desirable condition for the production of range grass and runoff if normal rainfall occurs during March.

The entire state is unusually sensitive to the need for normal spring rains in March. There are streams in Elmore, Owyhee and Twin Falls counties with low storage capacity that face the possibility of critical

low irrigation water supplies for 1968. Soil temperatures are unusually high because the snow has entirely melted at the low elevations. On the south slopes, grass is making significant growth several weeks in advance of conditions in a normal year.

Normally, in the high elevation snow courses, about three-fourths of the total snowpack for the year is down by March 1. At the lower elevations, the maximum snowpack usually occurs near March 1. These characteristics on the watersheds emphasize the need for normal storm patterns during March to assure the state of realizing even the low water supplies that are forecast at this time.

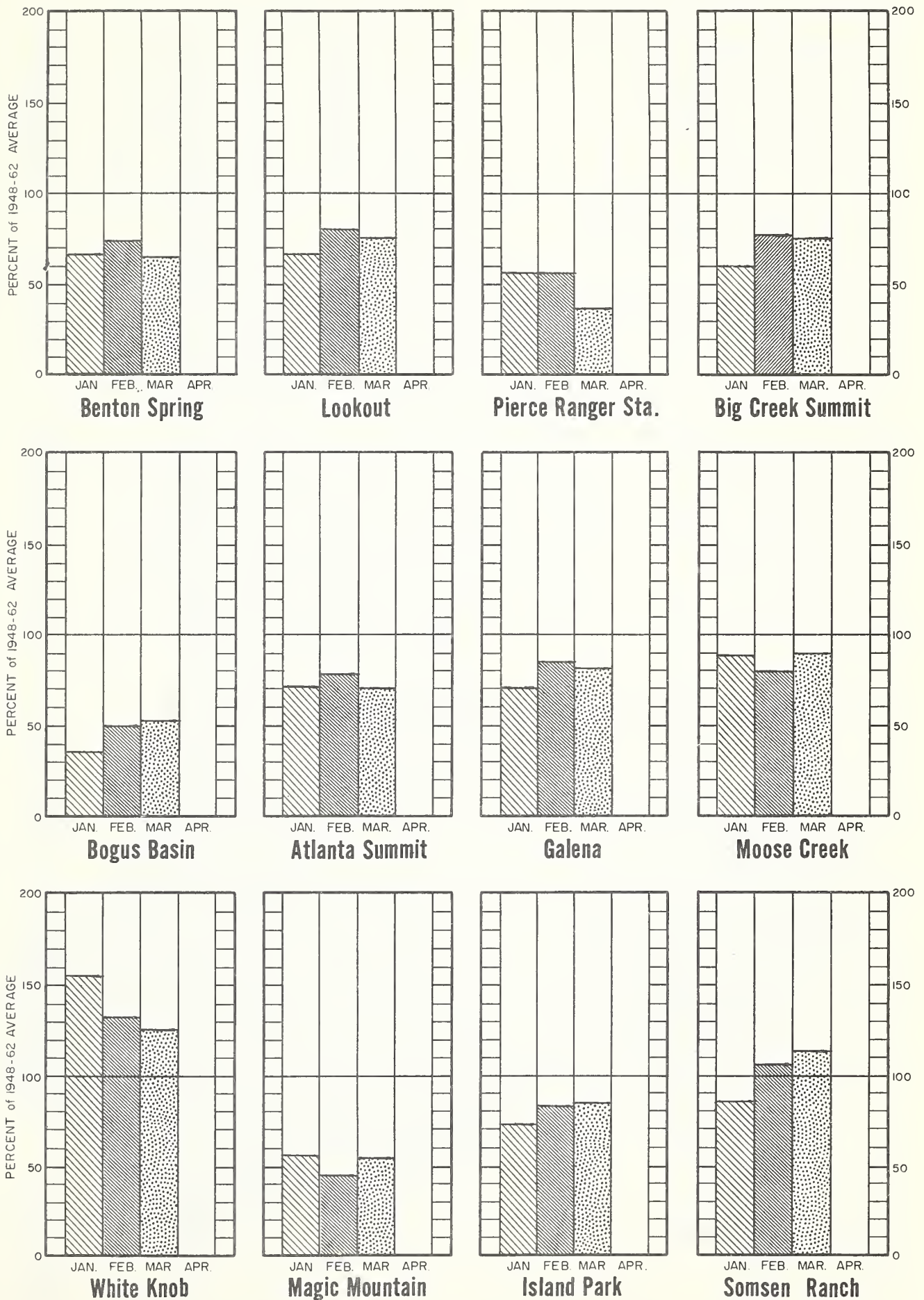
All of the snow courses in the state will be measured on April 1 to coincide with the maximum snowpack for the year. The snow courses with radio telemetry equipment, which report snowfall each day such as at Trinity Mountain and at Atlanta Summit, have shown that significant snow-melt of over an inch of water has occurred this month during the warm periods. The warm temperatures increased the density of the snowpack throughout the state. Snow conditions now are similar to an average year in April.

SNOW WATER DEPTHS ACCUMULATION

3

For Selected Snow Courses
As Compared To 1948-62 15Yr. Average

MARCH 1, 1968



COMPARISON of SNOW COVER

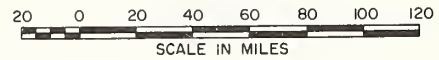
RIVER BASIN WATERSHED	NO. OF COURSES AVERAGED	THIS YEARS SNOW WATER EXPRESSED AS PERCENT OF :	
		LAST YEAR	1948 - 62 AVERAGE
<u>UPPER COLUMBIA RIVER BASIN</u>			
Kootenai River	14	64	82
Pend Oreille River	51	75	89
Clark Fork River	32	83	90
Flathead River	19	67	88
Priest River	2-4	77	66
Spokane River	8-16	76	69
<u>LOWER SNAKE RIVER BASIN</u>			
Palouse River	4	20	13
Clearwater River	11-33	77	74
Salmon River	10-21	84	83
Lemhi River	7	82	--
<u>MIDDLE SNAKE RIVER BASIN - Northside</u>			
Little Lost River	5	70	92
Big Lost River	5-15	68	89
Fish Creek	2	64	85
Little Wood River	4-5	60	81
Big Wood River	9-11	69	79
Canyon Creek	6	44	--
Boise River	12-19	63	66
Payette River	13-19	75	74
Weiser River	4	83	--
<u>MIDDLE SNAKE RIVER BASIN - Southside</u>			
Raft River	2-6	87	64
Goose Creek	2-3	80	51
Salmon Falls Creek	9-11	68	64
Bruneau River	5	71	72
Owyhee River	6	19	18
<u>UPPER SNAKE RIVER BASIN</u>			
Upper Snake - Wyoming	22	86	90
Camas-Beaver Creeks	2	97	111
Medicine Lodge Creek	2	108	--
Henrys Fork River	5-10	70	91
Teton River	2-4	98	97
Blackfoot River	3-4	98	113
Portneuf River	3-8	76	82
<u>GREAT BASIN</u>			
Bear River	17	84	86
Montpelier Creek	4	77	--
Mink Creek	3-8	90	95
Cub River	2	92	86
Malad River	2-4	85	83

SNOW WATER DEPTHS

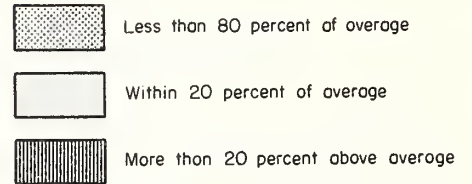
As percent of 1948-62 15 year average

MARCH 1, 1968

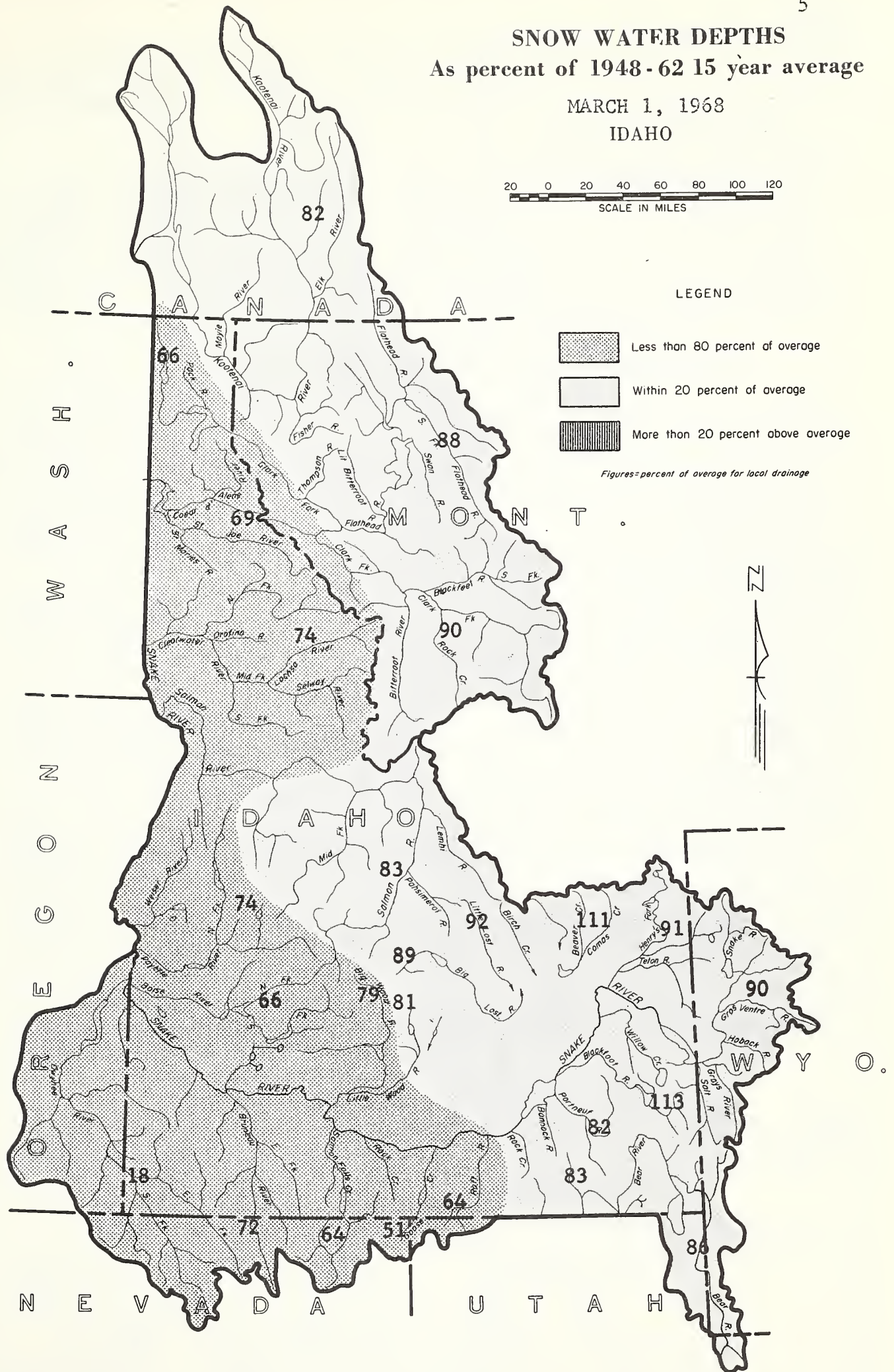
IDAHO



LEGEND



Figures=percent of average for local drainage



RESERVOIR STORAGE (1,000 Ac. Ft.)

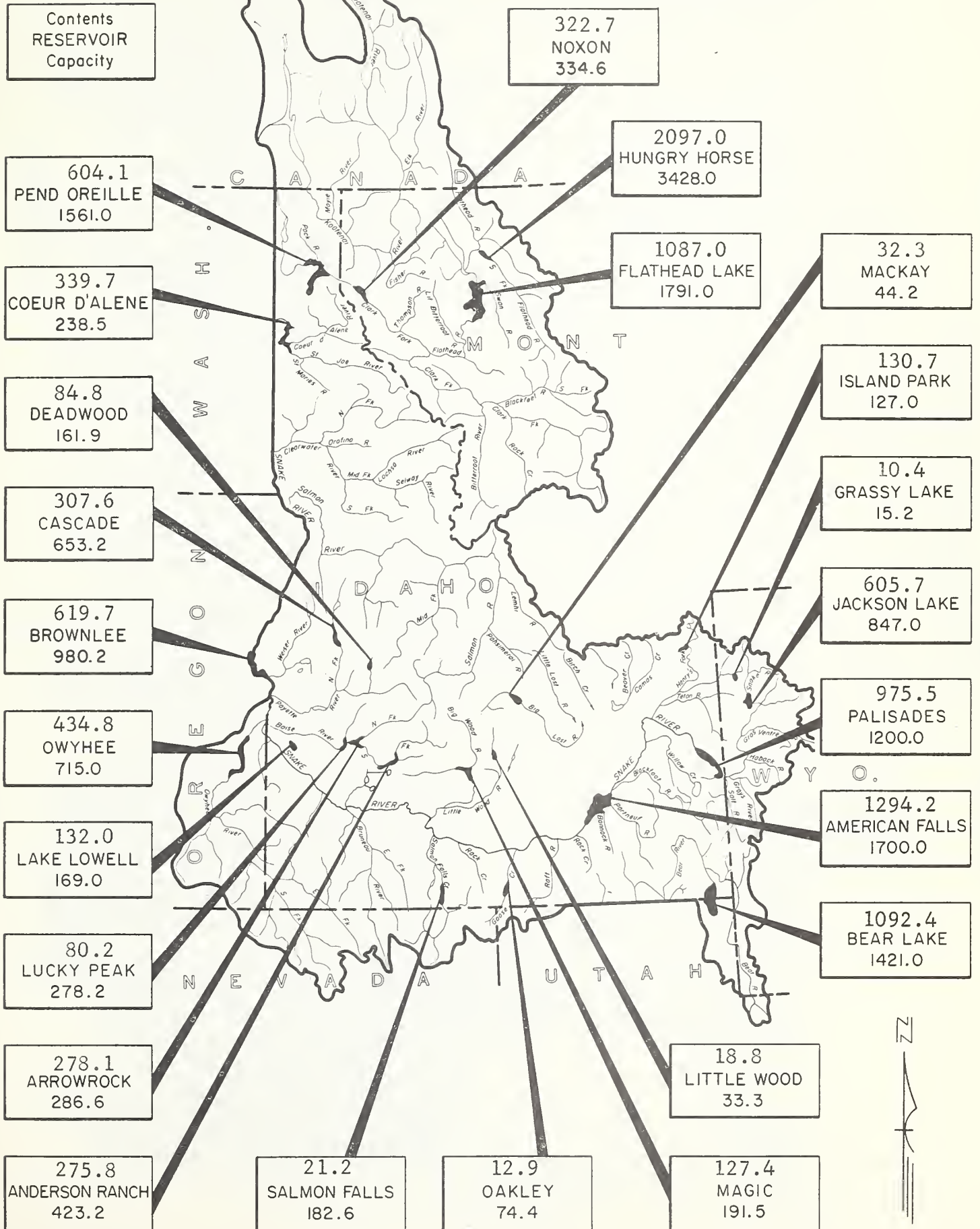
RESERVOIR	USABLE CAPACITY	MEASURED (First of Month)		
		THIS YEAR	LAST YEAR	1948 - 62 AVERAGE
<u>UPPER COLUMBIA BASIN</u>				
<u>Clark Fork - Pend Oreille</u>				
Hungry Horse	3428.0	2097.0	1746.0	2436.3*
Flathead	1791.0	1087.0	1049.0	844.6
Pend Oreille	1561.0	604.1	698.0	748.8
Noxon	334.6	322.7	267.0	--
<u>Spokane</u>				
Coeur d'Alene	238.5	339.7	121.0	167.3
<u>SNAKE BASIN</u>				
<u>Snake</u>				
Jackson Lake	847.0	605.7	504.9	417.3
Palisades	1200.0	975.5	523.0	513.4**
American Falls	1700.0	1294.2	1377.6	1438.9
Island Park	127.0	130.7	93.1	111.3
Grassy Lake	15.2	10.4	8.7	11.9
Brownlee	980.2	619.7	471.5	--
<u>Goose-Trapper Creeks</u>				
Oakley	74.4	12.9	11.3	16.2
<u>Salmon Falls Creek</u>				
Salmon Falls	182.6	21.2	15.7	22.6
<u>Big Lost</u>				
Mackay	44.2	32.3	27.8	30.8
<u>Big Wood</u>				
Magic	191.5	127.4	34.2	102.7
<u>Little Wood</u>				
Little Wood	30.0	18.8	13.0	8.9*
<u>Boise</u>				
Anderson Ranch	423.2	275.8	153.0	156.1
Arrowrock	286.6	278.1	189.0	224.5
Lucky Peak	278.2	80.2	32.0	156.1*
Lake Lowell (Deer Flat)	169.0	132.0	142.3	114.7
<u>Owyhee</u>				
Owyhee	715.0	434.8	361.8	410.4
<u>Payette</u>				
Cascade	653.2	307.6	109.0	211.3*
Deadwood	161.9	84.8	60.0	70.2
<u>GREAT BASIN</u>				
<u>Bear</u>				
Bear Lake	1421.0	1092.4	1076.4	894.3
* Period of Record				
** Estimated 1948-62 Average				

RESERVOIR STORAGE

USABLE CONTENTS (1,000 Acre Feet)

MARCH 1, 1968

50 0 50 100 150
SCALE IN MILES

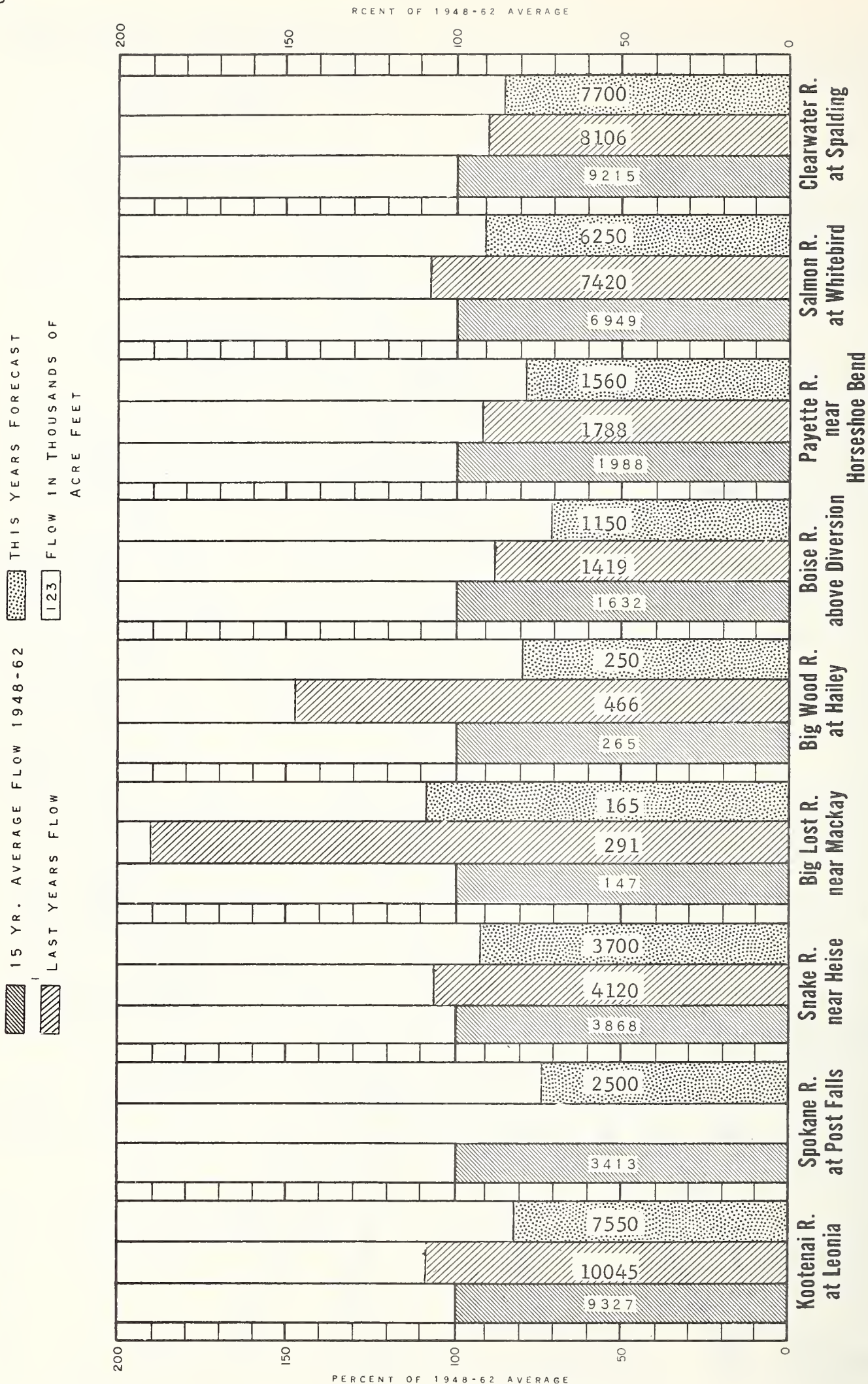


STREAMFLOW FORECASTS (April through September period)

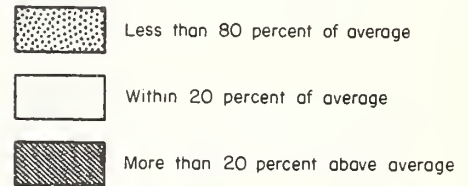
Based on Snow Surveys made on approximately

MARCH 1, 1968

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IDAHO



STREAMFLOW FORECASTS^c (1,000 Ac. Ft.)

STREAM and/or FORECAST POINT		FORECAST THIS YEAR	FORECAST PERIOD	LAST YEAR	1948-1962 AVERAGE	THIS YEAR AS PERCENT OF AVERAGE
<u>UPPER COLUMBIA BASIN</u>						
<u>KOOTENAI RIVER</u>						
Leonia	(at)	7550	Apr-Sep	10045	9327	81
		6600	Apr-Jul	8996	8179	81
		5350	Apr-Jun	7099	6601	81
<u>PEND OREILLE RIVER</u>						
<u>Clark Fork River</u>						
Whitehorse Rapids	(at)	12560	Apr-Sep	--	14398	87
		11450	Apr-Jul	--	13187	87
		9860	Apr-Jun	--	11318	87
<u>Priest River</u>						
Priest River <u>1</u> /	(nr)	670	Apr-Jul	906	954	70
<u>SPOKANE RIVER</u>						
Post Falls <u>2</u> /	(at)	2500	Apr-Sep	--	3413	73
<u>Coeur d'Alene River</u>						
Cataldo	(nr)	1000	Apr-Sep	1101	1377	73
		960	Apr-Jul	1057	1317	73
<u>St. Joe River</u>						
Calder	(at)	1020	Apr-Sep	--	1453	70
		970	Apr-Jul	--	1383	70
<u>SNAKE RIVER BASIN</u>						
<u>SNAKE RIVER - MAIN STEM</u>						
Moran <u>3</u> /	(at)	830	Apr-Sep	--	865	98
Palisades Inflow <u>3</u> /		3150	Apr-Sep	--	3314	95
Heise <u>4</u> /	(nr)	3700	Apr-Sep	4120	3868	96
Blackfoot <u>5</u> /	(nr)	3800	Apr-Jul	4468	3976	96
Weiser	(at)	4500	Apr-Sep	--	6949	65
<u>Henrys Fork</u>						
Ashton <u>6</u> /	(nr)	620	Apr-Sep	716	610	101
Rexburg <u>7</u> /	(nr)	1270	Apr-Sep	1425	1258	101
<u>Teton River</u>						
St. Anthony	(nr)	390	Apr-Sep	458	402	97
<u>Blackfoot River</u>						
Blackfoot						
Reservoir Inflow		107	Apr-Sep	--	102	105

(c) Assuming normal meteorological conditions. 1/ Observed flow corrected for storage in Priest Lake. 2/ Observed flow corrected for storage in Coeur d'Alene Lake and diversions by Spokane Valley Farms Company and Rathdrum Prairie canals. 3/ Corrected for storage in Jackson Lake. 4/ Corrected for storage in Jackson Lake and Palisades. 5/ Corrected for storage in Jackson Lake, Palisades, Island Park, Henry's Lake, Grassy Lake and diversions between Heise and Blackfoot. 6/ Corrected for storage in Henry's Lake and Island Park Reservoir. 7/ Corrected for storage in Henry's Lake, Island Park, Grassy Lake and diversions between Ashton and Rexburg.

STREAMFLOW FORECASTS^c (1,000 Ac. Ft.)

STREAM and/or FORECAST POINT		FORECAST THIS YEAR	FORECAST PERIOD	LAST YEAR	1948-1962 AVERAGE	THIS YEAR AS PERCENT OF AVERAGE
<u>Portneuf River</u>						
Topaz	(at)	75	Mar-Sep	--	89	84
<u>Oakley Reservoir Inflow</u>		14	Mar-Sep	21.4	22.4	63
<u>Salmon Falls Creek</u>						
San Jacinto	(nr)	53	Mar-Sep	--	78	68
		52	Mar-Jul	--	76	68
<u>Bruneau River</u>						
Hot Springs	(nr)	150	Mar-Sep	--	215	70
<u>Little Lost River</u>						
Howe	(nr)	40	Mar-Sep	47	37	108
<u>Big Lost River</u>						
Howell Ranch	(at)	190	Apr-Sep	328	181	105
		145	Apr-Jun	217	131	110
Mackay <u>1/</u>	(nr)	165	Apr-Sep	291	153	108
<u>Big Wood River</u>						
Hailey <u>2/</u>	(at)	250	Apr-Sep	466	317	79
Magic Reservoir						
Inflow <u>3/</u>		170	Mar-Jul	375	277	61
<u>Little Wood River</u>						
High Five Creek	(ab)	64	Apr-Sep	--	80	80
<u>Boise River</u>						
Twin Springs	(nr)	580	Apr-Sep	--	756	76
		535	Apr-Jul	--	704	76
Boise <u>4/</u>	(nr)	1150	Apr-Sep	1419	1632	70
<u>South Fork</u>						
Anderson Dam <u>5/</u>	(at)	400	Apr-Sep	593	610	66
<u>Owyhee River</u>						
Gold Cr., Nev. <u>6/</u>	(nr)	8	Apr-Jul	11	22	36
Owyhee, Nev. <u>6/</u>	(nr)	32	Apr-Jul	72	74	43
Lake Owyhee		100	Apr-Sep	353	383	26
net inflow <u>7/</u>		92	Mar-Jul	388	467	20
<u>Jordan Creek</u>						
Lone Tree Creek	(ab)	44	Mar-Jul	--	116	38

(c) Assuming normal meteorological conditions. 1/ Observed flow corrected for storage in Mackay Reservoir and diversion in Sharp Ditch. 2/ Combined discharge of Big Wood River and Big Wood Slough corrected for diversions. 3/ Combined flow Big Wood River nr. Bellevue and Camas Creek nr. Blaine. 4/ Corrected for storage in Arrowrock, Anderson Ranch and Lucky Peak. 5/ Corrected for storage in Anderson Ranch Reservoir. 6/ Corrected for storage in Wild Horse Reservoir. 7/ From U.S.B.R. records of inflow.

STREAMFLOW FORECASTS^c (1,000 Ac. Ft.)

STREAM and/or FORECAST POINT			FORECAST THIS YEAR	FORECAST PERIOD	LAST YEAR	1948-1962 AVERAGE	THIS YEAR AS PERCENT OF AVERAGE
<u>Payette River</u>							
Horseshoe Bend	<u>1/</u>	(nr)	1560	Apr-Sep	1788	1988	78
Banks	<u>2/</u>	(nr)	810	Apr-Jul	--	1036	78
<u>North Fork</u>							
Cascade	<u>3/</u>	(at)	500	Apr-Sep	--	589	85
Banks	<u>3/</u>	(nr)	640	Apr-Sep	--	760	84
<u>Weiser River</u>							
Weiser ab. Crane Creek	<u>4/</u>		470	Mar-Sep	--	554	85
<u>Salmon River</u>							
Whitebird		(at)	6250	Apr-Sep	7420	6949	90
Challis		(nr)	810	Apr-Sep	--	900	90
			700	Apr-Jul	--	788	90
<u>Clearwater River</u>							
Spalding		(at)	7700	Apr-Sep	8106	9215	84
<u>GREAT BASIN</u>							
<u>BEAR RIVER</u>							
Harer		(at)	250	Apr-Sep	--	258	97
<u>Montpelier Creek</u>							
Montpelier		(nr)	9.4	Apr-Sep	--	11.8	80
<u>Cub River</u>							
Preston		(nr)	42	Apr-Sep	--	49	86

(c) Assuming normal meteorological conditions. 1/ Corrected for storage in Cascade and Deadwood Reservoirs. 2/ Corrected for storage in Deadwood Reservoir. 3/ Corrected for storage in Cascade Reservoir. 4/ Observed flow of Weiser River nr. Weiser minus observed flow of Crane Creek at mouth.

VALLEY PRECIPITATION 1/
 Division Averages and Departures
 In Inches

DRAINAGE DIVISIONS	Fall		Winter	
	Sept-Oct. 1967		Nov. 67-Feb. 68	
	Observed	Departure <u>2/</u>	Observed	Departure <u>2/</u>
Kootenai, Canada & U. S.	4.88	+0.42	10.84	-1.37
Flathead	3.67	+0.29	6.33	-2.27
Clark Fork	3.61	+1.84	3.48	-0.37
Pend Oreille-Spokane	5.48	+0.48	13.94	-2.19
Upper Snake	3.01	+0.15	7.77	-1.01
Snake River Plain	1.26	+0.04	2.88	-0.75
Salmon-Payette-Boise	3.39	+0.99	7.73	-2.31
Clearwater	5.39	+1.38	10.44	-0.99
Southeastern Oregon	1.28	-0.06	3.26	-1.11

1/ Preliminary analysis by U. S. Weather Bureau from data furnished by Meterological Service of Canada and U. S. Weather Bureau.

2/ Departure from 15-year (1948-62) drainage division average.

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b

UPPER COLUMBIA RIVER BASIN

PEND OREILLE - PRIEST RIVER

Benton Meadow	16A2	2344	2/27	15	4.7	2.9	6.5
Benton Spring	16A3	4900	2/27	36	13.0	20.6	20.2
#Mosquito Ridge (A)	16A4	5110	2/27	84	32.3	47.1	--
Schweitzer Bowl	16A6	4500	2/27	66	25.5	33.0	--
Schweitzer Ridge	16A5	6100	2/27	99	37.5	47.8	--

SPOKANE RIVER

Copper Ridge	16B2	4800	2/29	37	15.8	23.6	27.8
#Forty-nine Meadows	15B3	5000	2/28	51	20.9	31.0	32.1*
Fourth of July Summit	16B3	3100	2/28	T	T	7.6	11.0*
Granite Peak	15B13	6000	2/28	98	37.8	48.2	--
Kellogg Peak (A)	16B5	5560	2/27	60	23.0	28.6	30.8*
Lookout	15B2	5250	2/28	70	26.9	35.6	34.8*
#Lost Lake	15B14	6000	2/28	105	45.2	62.1	--
Lower Sands Creek	16B1	3400	2/29	30	11.0	13.4	19.1*
Medicine Ridge	15B4	6150	2/28	105	39.0	45.8	--
Mosquito Ridge (A)	16A4	5110	2/27	84	32.3	47.1	--
Outlaw Creek	15B12	3750	2/28	28	11.7	14.0	--
Pegleg Mountain	15B15	5735	2/28	33	14.4	10.2	--
Roland Summit (A)	15B5	5200	2/27	61	23.4	31.4	38.4*
Sherwin	16C1	3200	3/1	16	5.4	12.0	--
Sunset (A)	15B9	5600	2/27	90	34.6	40.2	31.2*
Timber Camp Flat	15B16	4300	2/28	37	14.5	18.2	--

LOWER SNAKE RIVER BASIN

PALOUSE RIVER

Crumarine Creek	16C6	3340	3/2	0	0.0	4.0	7.0*
East Twin	16C3	4050	3/2	T	T	8.3	12.4*
Howard Creek	16C5	3450	3/2	0	0.0	--	2.8*
Moscow Mountain	16C2	4400	3/2	17	6.1	11.9	17.7*
Upper Moscow Mountain	16C7	4600	3/2	7	3.1	13.0	--
Upper Moscow Mtn. (SP)	16C7	4600	3/2	--	6.5	--	--
West Twin	16C4	4250	3/2	0	0.0	6.1	11.3*

CLEARWATER RIVER

Above Greer	16C11	1240	3/1	0	0.0	0.0	--
Anderson Butte (A)	15D7	6800	2/26	84	28.6	30.7	--
Anderson Ridge (A)	15D8	5400	2/27	36	13.3	--	--
Buck Meadows	15D5	5600	2/26	48	18.8	28.0	--
Cayuse Airstrip	15C3	3700	2/27	20	9.4	13.8	11.9*
Coolwater Mountain (R)	15C7	6200	3/4	--	16.6	26.4	--
Copper Butte (A)	15D10	6000	2/27	72	25.2	27.7	--

(b) 1948-62, 15 year period. * Not located directly on this drainage. * Estimated 1948-62, 15 year Average. (A) Aerial observation; Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b
Crater Meadows	15C9	6100	2/27	84	36.6	51.4	--
Crooked Fork	14C10	3800	2/26	26	9.8	12.0	--
Culdesac	--	3050	2/28	12	5.1	--	--
Disgrace Butte (A)	15D11	6600	2/27	61	22.0	23.0	--
Elk Butte	16C15	5550	2/28	56	24.5	41.9	--
Elk Mountain (A)	15D13	6900	2/26	93	30.7	34.9	--
Falls Point (A)	15C11	4600	2/27	23	9.0	19.3	--
Fish Lake Airstrip	15C2	5000	2/27	81	35.8	39.8	39.9*
Forest	16C9	4550	2/26	5	1.7	4.6	7.8*
Forty-nine Meadows	15B3	5000	2/28	51	20.9	31.0	32.1*
Goat Lake	14C9	6600	2/27	119	48.0	47.2	--
#Granite Peak	15B13	6000	2/28	98	37.8	48.2	--
Greer Summit	16C13	3000	3/1	0	0.0	0.0	--
Hemlock Butte	16C6	5500	2/27	76	31.2	50.4	--
Hemlock Butte (R)	16C6	5500	3/3	--	33.2	47.5	--
Hemlock Butte (SP)	16C6	5500	3/3	--	30.8	--	--
#Hoodoo Basin Mont.	15C8	6000	2/29	110	41.9	47.3	--
#Hoodoo Basin(SP)Mont.	15C8	6000	3/4	--	40.5	45.5	--
#Hoodoo Creek Mont.	15C1	5900	2/29	99	36.7	46.1	45.3*
Horse Creek #1	15C14	5500	2/27	42	15.5	--	--
Horse Creek #4	--	5400	2/27	48	17.8	--	--
Horse Point (A)	15D21	5700	2/27	37	13.3	24.5	--
Indian Hill (A)	15D22	6100	2/27	27	9.5	19.8	--
Lolo Pass	14C5	5230	2/26	66	23.6	31.3	32.2*
Lost Lake	15B14	6000	2/28	105	45.2	62.1	--
McCann	16C8	4300	2/26	T	T	4.9	7.8*
Meadow Creek Lookout (A)	15D17	7000	2/26	85	28.1	28.2	--
#Medicine Ridge	15B4	6150	2/28	105	39.0	45.8	--
Midway	16C12	2200	3/1	0	0.0	0.0	--
Mill Site (SP)	15D18	6700	2/26	73	25.3	--	--
Mountain Meadows	15D6	6300	2/26	55	18.4	20.6	--
#Nez Perce Pass Mont.	14D1	6575	2/27	44	14.8	16.8	14.8*
Orogrande Mountain (R)	15D4	7800	3/4	--	34.0	32.4	--
Pierce Rgr. Sta.	15C5	3170	2/29	13	4.1	9.2	11.2*
Powell Rgr. Sta.	14C6	4230	2/26	24	8.6	12.2	14.1*
Sable Hill (A)	15D20	6000	2/27	37	13.0	19.5	--
Savage Pass	14C4	6600	2/26	70	24.0	26.0	25.0*
Shanghai Summit	15C4	4600	3/1	30	14.0	30.2	--
Sweeney	16C10	4435	2/26	6	2.2	5.6	--

SALMON RIVER

Big Creek Summit	15E2	6600	2/29	69	24.0	32.1	31.4*
Borah (A)	13E8	8250	3/1	17	4.1	3.8	--
#Boulder Creek	16D1	5500	2/27	54	18.7	19.8	--
Brundage Mountain	16D6	7560	2/27	104	36.2	48.5	--
Chapman Creek	16D2	4215	2/28	0	0.0	1.0	2.6*
#Deadwood Summit (A)	15E4	7000	2/29	99	34.9	45.7	43.3*
Doublespring Pass (A)	13E25	8400	3/1	40	11.7	10.5	--
#Galena Summit	14F12	8795	3/1	57	17.2	20.4	19.7*

(b) 1948-62, 15 year period. * Not located directly on this drainage. * Estimated 1948-62, 15 year Average. (A) Aerial observation: Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b
#Gibbons Pass Mont.	13D2	7100	2/27	71	21.1	21.2	21.0
Johns Creek	16D3	3805	2/28	0	0.0	T	2.6*
Keystone (A)	14E6	7700	3/5	22	5.8	--	--
Leatherman Pass (A)	13E24	9800	3/1	57	17.2	19.9	--
#Lemhi Pass Mont.	13E1	7480	2/27	35	9.8	7.2	7.1
#Lemhi Ridge Mont.	13E23	8100	2/27	35	9.2	8.0	--
Mill Creek Summit	14E1	8870	2/26	59	17.6	18.3	--
Moose Creek	13D16	6200	2/26	47	13.4	16.0	14.9
Morgan Creek	14E4	7580	2/27	39	11.2	13.1	--
Redfish Lake	14E2	6600	2/25	24	6.2	7.2	--
#Rock Flat Summit	16E1	5200	2/27	42	13.7	16.8	16.8
#Squaw Flat (A)	16E5	6230	2/29	56	18.9	23.1	--
#Squaw Meadow (A)	15D2	5800	2/29	78	27.5	38.7	35.0*
Twin Peaks (A)	14E3	10300	3/1	67	20.0	22.7	--
Vienna Mine (A)	14F4	8900	2/29	75	22.6	26.0	30.1*
Whitebird Summit	16D5	4390	2/28	6	1.8	4.3	6.1*
Williams Creek Summit	14D4	7800	2/26	36	9.0	11.6	11.5*

Lemhi River

Above Gilmore	13E19	8200	2/29	30	7.7	7.9	--
Aspen-Hall Pass	13E21	8110	2/28	29	7.0	8.7	--
Copes Camp	13E17	7500	2/28	23	5.6	6.7	--
Gertson Creek (A)	13D17	8050	2/27	30	7.7	13.4	--
Hall Creek	13E20	7560	2/28	18	4.3	5.8	--
Meadow Lake	13E18	9100	2/29	52	16.0	17.5	--
Schwartz Lake	13E16	8500	2/28	34	9.3	9.9	--

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						
<u>SPOKANE RIVER</u>							
Fourth of July Summit	3100	48	11.6	2/28	9.1	10.2	10.0
Lookout	5250	48	11.0	2/28	8.5	8.1	8.0
<u>CLEARWATER RIVER</u>							
Brown	3100	30	6.7	2/22	5.9	5.6	5.2
Midway	2200	36	6.1	2/22	5.3	5.0	5.2
<u>SALMON RIVER</u>							
Mill Creek Summit	8870	48	8.4	2/26	6.6	3.1	4.8
<u>Lemhi River</u>							
Above Gilmore	8200	60	5.4	2/29	3.1	1.8	2.8
Meadow Lake	9100	48	4.4	2/29	2.0	1.5	2.1

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SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b

MIDDLE SNAKE RIVER BASIN - NORTHSIDELITTLE LOST RIVER

Fairview Guard Sta.	13E5	6750	2/27	16	3.6	5.4	4.6*
Lost Garfield	13E3	6600	2/27	14	3.4	4.5	3.9*
Moonshine	13E6	7450	2/27	36	9.7	12.2	10.2*
Sawmill Canyon	13E4	6900	2/27	26	6.9	9.4	8.1*
Wet Creek Summit	13E7	7600	2/29	34	9.8	16.2	9.4*

BIG LOST RIVER

Bear Canyon	13F3	7920	2/27	43	12.6	22.4	15.1*
Cherry Creek Pass (A)	13F13	8900	2/29	5	1.2	1.6	--
Copper Basin	13F2	8000	2/27	29	7.8	12.4	7.7
#Doublespring Pass (A)	13E25	8400	3/1	40	11.7	10.5	--
Dry Fork (A)	13F20	7340	2/29	33	9.5	19.4	--
Fishpole Lake (A)	13F8	9350	2/29	48	13.4	--	--
Grasshopper (A)	13F7	8400	2/29	30	8.9	--	--
Iron Bog	13F11	7650	2/28	35	10.4	19.0	--
Leadbelt	13F12	6800	2/28	32	9.0	14.3	--
#Leatherman Pass (A)	13E24	9800	3/1	57	17.2	19.9	--
Lost-Wood Divide (A)	14F3	7900	2/27	53	16.0	25.0	20.8*
Mammoth Canyon (A)	13F17	8300	2/29	25	7.8	6.6	--
North Fork Meadow (A)	14F15	8150	2/29	29	7.8	14.1	--
Sage Creek (A)	14E5	7800	3/1	18	5.6	6.9	--
Slickrock (A)	13F14	8640	2/29	42	12.7	19.4	--
Stickney Mill	14F2	7500	2/27	27	7.1	11.1	7.6
White Knob	13F1	7700	2/26	28	8.8	10.1	7.0*

FISH CREEK

#Dry Fork (A)	13F20	7340	2/29	33	9.5	19.4	--
Iron Mine Creek	13F10	6370	2/26	29	8.3	12.3	9.3*
Telfer Ranch	13F6	6000	2/26	23	6.4	10.6	7.9*

LITTLE WOOD RIVER

#Bear Canyon	13F3	7920	2/27	43	12.6	22.4	15.1*
Garfield Rgr. Sta.	13F4	6554	2/27	28	8.6	12.0	10.3*
Muldoon	13F5	6300	2/27	18	5.6	9.5	8.0*
Porcupine (A)	14F14	8350	2/29	39	11.2	19.5	--
Swede Peak	13F9	7500	2/27	42	12.1	19.8	14.8*

BIG WOOD RIVER

Camas Creeks Div. (A)	15F9	5720	2/29	12	3.8	10.8	--
#Couch Summit	14F10	6950	2/29	39	13.3	20.7	16.8
Dollarhide Summit (A)	14F8	8620	2/29	66	21.2	20.2	23.3*

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SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b
Galena	14F1	7300	2/29	44	13.8	18.4	16.9*
Galena Summit	14F12	8795	3/1	57	17.2	20.4	19.7*
Graham Ranch	14F5	6200	2/28	31	9.1	13.8	11.9
#Lost Wood Divide (A)	14F3	7900	2/27	53	16.0	25.0	20.8*
Mascot Mine	14F7	7900	2/28	30	7.9	15.1	12.6*
Mount Baldy	14F9	9000	2/29	46	12.9	19.0	17.8*
#Porcupine (A)	14F14	8350	2/29	39	11.2	19.5	--
Soldier Rgr. Sta.	14F11	6100	2/29	23	8.4	12.3	11.6
#Vienna Mine	14F4	8900	2/29	75	22.6	26.0	30.1*

CANYON CREEK

Bennett Mountain	15F7	6650	2/26	28	9.0	16.1	--
#Camas Creeks Div.(A)	15F9	5720	2/29	12	3.8	10.8	--
#Danskin (A)	15F10	5650	2/29	18	5.8	14.5	--
Dixie Hill	15F8	5230	2/26	0	0.0	--	--
Little Camas Flat (A)	15F12	4950	2/29	3	1.0	2.0	--
Long Tom (A)	15F13	4550	2/29	0	0.0	0.3	--
#Willow Creek Cabin(A)	15F11	4710	2/29	0	0.0	0.6	--

BOISE RIVER

Atlanta Summit	15F4	7500	3/2	66	21.2	30.4	30.1*
Atlanta Summit (SP)	15F4	7500	3/3	--	19.3	--	--
Bad Bear	15F2	5500	2/28	24	7.5	11.9	--
#Bennett Mountain	15F7	6650	2/26	28	9.0	16.1	--
#Bogus Basin	16F2	6120	3/1	32	10.8	19.5	20.3
#Bogus Basin (SP)	16F2	6120	3/1	--	10.8	18.7	--
Bogus Basin Road	16F4	5360	3/1	0	0.0	4.4	3.0*
#Camas Creeks Div. (A)	15F9	5720	2/29	12	3.8	10.8	--
Couch Summit	14F10	6950	2/29	39	13.3	20.7	16.8
Danskin (A)	15F10	5650	2/29	18	5.8	14.5	--
Deadman Gulch	16F1	5600	3/1	22	6.3	12.7	14.6*
#Dixie Hill	15F8	5230	2/26	0	0.0	--	--
#Dollarhide Smt. (A)	14F8	8620	2/29	66	21.2	20.2	23.3*
Jackson Peak (A)	15E9	7000	2/29	58	18.9	26.2	27.4*
#Little Camas Flat (A)	15F12	4950	2/29	3	1.0	2.0	--
#Long Tom (A)	15F13	4550	2/29	0	0.0	0.3	--
Moore's Creek Summit	15F1	6100	2/28	54	17.6	27.6	29.0
Prairie	15F6	4900	2/29	7	2.3	4.7	5.2*
Road Creek	15F3	5550	2/29	18	5.6	6.9	10.4*
#Soldier Rgr. Sta.	14F11	6100	2/29	23	8.4	12.3	11.6
Trinity Mountain	15F5	7780	2/29	75	26.5	41.4	39.3
Trinity Mountain (SP)	15F5	7780	2/29	--	25.7	41.4	--
#Vienna Mine	14F4	8900	2/29	75	22.6	26.0	30.1*
Willow Creek Cabin (A)	15F11	4710	2/29	0	0.0	0.6	--

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SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
						LAST YEAR	AVERAGE ^b

PAYETTE RIVER

#Big Creek Summit	15E2	6600	2/29	69	24.0	32.1	31.4*
Bogus Basin	16F2	6120	3/1	32	10.8	19.5	20.3
Bogus Basin (SP)	16F2	6120	3/1	--	10.8	18.7	--
#Brundage Mountain	16D6	7560	2/27	104	36.2	48.5	--
Cozy Cove	15E8	5900	2/28	37	12.8	14.0	15.7
Crawford Rgr. Sta.	15E3	4800	2/29	15	5.6	7.2	7.4*
#Deadman Gulch	16F1	5600	3/1	22	6.3	12.7	14.6*
Deadwood Airstrip	15E10	5440	2/27	34	13.0	13.4	13.8*
Deadwood Dam	15E7	5290	2/27	35	12.4	14.7	16.4
Deadwood Summit (A)	15E4	7000	2/29	99	34.9	45.7	43.3*
Greenfield Flat (A)	16E7	7370	2/29	75	26.1	37.3	--
High Valley Summit	16E4	5170	2/27	21	7.2	8.8	7.6
#Jackson Peak (A)	15E9	7000	2/29	58	18.9	26.2	27.4*
Lake Fork	15E1	6000	2/27	35	9.2	15.2	16.8*
#Mica Ridge (A)	16E6	6800	2/29	66	23.0	31.0	--
Rock Flat Summit	16E1	5200	2/27	42	13.7	16.8	16.8
Silver Creek Ridge (A)	15E5	5700	2/29	36	12.5	12.7	--
#Squaw Flat (A)	16E5	6230	2/29	56	18.9	23.1	--
Squaw Meadow (A)	15D2	5800	2/29	78	27.5	38.7	35.0*
Tripod Summit	16E3	5200	2/27	33	10.5	15.0	--

WEISER RIVER

Boulder Creek	16D1	5500	2/27	54	18.7	19.8	--
Mica Ridge (A)	16E6	6800	2/29	66	23.0	31.0	--
Placer Creek	16E2	6000	2/27	41	13.4	15.3	--
Squaw Flat (A)	16E5	6230	2/29	56	18.9	23.1	--

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
NAME	ELEVATION	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
<u>LITTLE LOST RIVER</u>							
Fairview Guard Station	5850	42	7.6	2/27	7.5	--	--
Wet Creek Summit	8175	48	17.1	2/27	14.2	--	--
<u>LITTLE WOOD RIVER</u>							
Garfield R. S.	6554	36	5.2	2/27	2.8	3.7	2.8
<u>BIG WOOD RIVER</u>							
Galena	7300	48	10.1	2/29	8.2	5.9	6.1
Galena Summit	8795	48	5.8	3/1	1.8	1.5	1.9
<u>BOISE RIVER</u>							
Bad Bear	5500	72	6.3	2/28	5.8	--	5.2
Bogus Basin	6120	48	13.1	3/1	9.9	9.1	--
Bogus Basin Road	4830	48	7.1	3/1	6.6	5.9	5.1
Moore's Creek Summit	6100	60	8.8	2/28	7.6	7.5	7.5

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SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b

MIDDLE SNAKE RIVER BASIN - SOUTHSIDERAFT RIVER

Boy Scout Camp	13G2	7600	2/29	32	11.1	10.6	--
Clear Creek Meadows	13H2	9050	2/29	39	11.2	15.1	--
Howell Canyon	13G1	8000	2/29	43	15.2	18.6	23.3*
One Mile Summit	13H1	7330	2/29	15	4.5	4.2	--
Sublett	12G8	6000	2/29	19	6.3	8.6	10.3
Summit Springs	12G9	6400	2/29	23	7.7	7.4	--

GOOSE CREEK

Badger Gulch	14G3	6660	2/26	13	5.2	7.4	11.5*
Bostetter Rgr. Sta.	14G1	7500	2/26	32	9.7	12.6	17.9
Vi Pont	13H3	7670	2/29	30	9.5	10.5	--

SALMON FALLS CREEK

#Bear Creek	15H1	7800	2/26	39	13.2	18.1	16.6*
Cedar Creek	14G5	7000	2/26	12	4.5	8.4	10.3*
Deadline	14G4	6900	2/26	36	11.9	15.1	19.9*
#Fox Creek	15H2	6800	2/26	16	5.8	9.1	9.4*
Goat Creek	15H13	8800	2/26	35	11.8	15.2	15.9*
#Hummingbird Springs	15H15	8945	2/26	44	13.4	19.4	18.4*
Magic Mountain	14G2	6700	2/28	26	9.0	11.5	16.3
#Pole Creek Rgr. Sta.	15H14	8330	2/26	36	12.2	16.3	15.7*
Red Point	15H18	7940	2/26	18	7.0	10.0	--
Shoshone Basin	14G6	5740	2/26	0	0.0	T	4.2*
Wilson Creek	15G2	7500	2/26	15	5.0	14.6	--

BRUNEAU RIVER

Bear Creek	15H1	7800	2/26	39	13.2	18.1	16.6*
Fox Creek	15H2	6800	2/26	16	5.8	9.1	9.4*
Hummingbird Springs	15H15	8945	2/26	44	13.4	19.4	18.4*
Pole Creek Rgr. Sta.	15H14	8330	2/26	36	12.2	16.3	15.7*
#Seventy-six Creek	15H3	7100	2/26	20	7.0	9.6	11.5*

OWYHEE RIVER

Antelope Ridge	16G6	5900	2/26	T	T	7.5	--
Battle Creek (A)	16G9	5700	2/27	0	0.0	3.6	3.6*
#Bear Creek	15H1	7800	2/26	39	13.2	18.1	16.6*
Bull Basin (A)	16G10	5600	2/27	0	0.0	T	--
#Fox Creek	15H2	6800	2/26	16	5.8	9.1	9.4*
Hyde Pasture	16G5	5800	2/27	0	0.0	5.7	4.9*
Mud Flat	16G7	5500	2/26	7	1.9	5.9	4.7*
Red Canyon (A)	16G11	6650	2/27	0	0.0	5.7	--

(b) 1948-62, 15 year period. * Not located directly on this drainage. * Estimated 1948-62, 15 year Average. (A) Aerial observation; Water content estimated. (SP) Pressure Pillow snow-water equivalent. (R) Radioactive Gage snow-water equivalent.

SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
NAME	NO.	ELEVATION	DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
						LAST YEAR	AVERAGE ^b
#Seventy-six Creek	15H3	7100	2/26	20	7.0	9.6	11.5*
Silver City	16F3	6400	2/27	20	6.7	15.2	13.8*
South Mountain	16G1	6340	2/28	10	3.4	12.3	10.6
Succor Creek (A)	16F6	6100	2/27	0	0.0	7.8	--
Triangle	16G4	5150	2/27	0	0.0	T	0.7*
Vaught Ranch (A)	16G12	5950	2/27	0	0.0	3.0	--

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
NAME	ELEVATION	DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
<u>RAFT RIVER</u>							
Howell Canyon	8000	48	11.5	2/29	4.9	4.9	8.5
Sublett	6000	36	7.0	2/29	5.4	5.6	6.2
<u>GOOSE CREEK</u>							
Badger Gulch	6660	36	7.0	2/26	5.5	5.9	5.3
<u>SALMON FALLS CREEK</u>							
Deadline	6900	36	7.4	2/26	7.1	5.9	5.7
Patrick Ranch	5720	36	7.7	2/26	7.4	5.8	3.4
Pole Creek R. S.	8330	48	12.7	2/26	6.7	7.4	--
<u>BRUNEAU RIVER</u>							
Bear Creek	7800	72	16.9	2/26	8.8	8.7	11.0
<u>OWYHEE RIVER</u>							
Mud Flat	5500	48	12.8	2/26	13.1	14.4	10.6

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SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b

UPPER SNAKE RIVER BASINCAMAS-BEAVER CREEKS

Camp Creek	12E3	6800	2/27	30	9.0	10.1	8.7
Kilgore	11E12	6200	2/27	33	10.5	10.0	8.8

MEDICINE LODGE CREEK

Irving Creek	12E4	7035	2/29	21	5.3	5.6	--
Webber Creek	12E5	6700	2/29	22	5.9	4.8	--

HENRYS FORK RIVER

Big Springs	11E9	6500	2/28	51	16.8	23.1	19.6
Black Canyon	11E18	7850	2/26	74	24.8	29.6	--
Black Moose	11E19	8125	2/26	85	28.6	34.2	--
Grassy Lake	10E15	7230	2/27	91	30.2	29.8	30.4*
Island Park	11E10	6315	2/28	44	12.9	17.2	15.3
Latham Springs	11E16	7650	2/26	77	24.4	29.7	30.0*
Lucky Dog	11E14	6900	2/26	61	20.2	26.0	--
Old Road	11E15	7250	2/26	66	20.2	29.0	--
Poacher's Cabin	11E17	8000	2/26	75	24.8	30.3	--
Sawtelle Mountain	11E32	9100	2/28	78	27.1	--	--
Valley View	11E8	6500	2/28	51	16.9	22.2	13.2

TETON RIVER

Darby Canyon (A)	10F21	8250	2/26	71	22.9	19.2	--
Pine Creek Pass	11F2	6750	2/26	49	15.0	17.0	--
State Line	11F1	6400	2/26	34	10.1	15.3	13.3
Teton Pass	10F13	8500	2/26	99	32.0	29.8	30.1*

WILLOW CREEK

Aspen Grove	11F10	6600	2/27	37	10.5	10.0	--
Birch Creek	11F3	6800	2/27	31	9.1	10.5	--
Bone	11F8	6200	2/28	19	6.1	7.2	--
Ozone	11F4	5800	2/28	0	0.0	0.0	--
Sheep Mountain I	11F9	6450	2/28	31	9.4	11.8	--
Sheep Mountain II	11F11	6510	2/28	36	10.5	13.9	--
Tex Creek	11F5	6700	2/25	30	8.4	8.5	--

SAND CREEK

Henry Creek	11F6	5650	2/28	T	T	4.6	--
Taylor Mountain	11F7	6500	2/28	23	7.0	7.7	--

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SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b

BLACKFOOT RIVER

Austin Bros. Ranch	11G3	6450	2/29	29	8.8	7.6	7.3*
China Hat	11G2	6300	2/29	22	6.6	5.8	6.3*
Slug Creek Divide	11G5	7225	2/27	42	12.3	14.8	--
Somsen Ranch	11G1	7000	2/29	41	12.3	12.8	10.9*

PORTNEUF RIVER

Cove	11G25	5525	2/27	17	4.2	7.0	--
Dempsey Creek	12G5	6280	2/27	38	10.0	11.0	10.2*
Lower Pebble	12G6	5800	2/27	30	8.4	12.6	--
Mink Creek	12G1	6300	2/26	33	10.4	14.7	14.6
Moser	11G24	5950	2/27	21	5.5	8.0	--
North Bancroft #1	11G23	5460	2/27	18	5.6	5.1	--
North Bancroft #2	11G22	5430	2/27	12	4.0	3.6	--
Pebble Creek	12G2	6550	2/27	34	10.6	15.2	13.2

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						
<u>HENRYS FORK RIVER</u>							
Island Park	6315	48	9.9	2/28	8.5	8.2	8.5
Valley View	6500	48	13.3	2/28	5.4	4.8	8.0
<u>TETON RIVER</u>							
Pine Creek Pass	6750	48	13.3	2/26	12.0	5.6	4.9
State Line	6400	48	14.8	2/26	14.9	10.3	12.5
Teton Pass	8500	48	10.5	2/26	9.1	8.5	9.4
<u>PORTNEUF RIVER</u>							
Lower Dempsey	5210	48	18.7	2/27	21.0	18.0	--
Lower Pebble	5800	36	7.6	2/27	8.4	6.0	7.8
Pebble Creek	6550	48	7.2	2/27	4.4	3.4	6.1

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SNOW

DRAINAGE BASIN and SNOW COURSE			CURRENT INFORMATION			PAST RECORD	
			DATE OF SURVEY	SNOW DEPTH (Inches)	WATER CONTENT (Inches)	WATER CONTENT (Inches)	
NAME	NO.	ELEVATION				LAST YEAR	AVERAGE ^b

GREAT BASIN

BEAR RIVER

Emigrant Summit	11G6	7350	2/26	66	21.9	22.4	--
Emigration Canyon	11G7	6500	2/26	32	10.2	9.5	--

Montpelier Creek

Giveout	11G16	6840	2/28	29	8.2	12.5	--
Little Beaver	11G20	6970	2/28	37	11.4	15.3	--
Montpelier Creek	11G18	6570	2/28	21	6.8	7.7	--
Whiskey Flat	11G21	6985	2/28	23	6.8	7.8	--

Mink Creek

Christensen Ranch	11G11	5600	2/29	28	9.6	8.6	9.0*
#Emigrant Summit	11G6	7350	2/26	66	21.9	22.4	--
Liberty Spring	11G13	8600	2/28	83	27.6	32.6	--
Strawberry Creek	11G9	5800	2/29	32	11.1	10.3	11.1*
Strawberry Mink Divide	11G10	6800	2/28	49	16.8	22.4	19.3*

Cub River

Cub River R. S.	11G12	5400	2/29	24	8.2	9.2	9.4*
Willow Flat	11G4	6100	2/29	33	12.2	13.0	14.3*

MALAD RIVER

Dry Creek Flat	12G4	6350	2/27	17	4.8	6.7	6.9*
Lower Elkhorn	12G11	6850	2/26	37	11.0	11.9	--
Oxford Mountain	12G3	6800	2/27	28	8.2	8.3	8.7*
Upper Elkhorn	12G10	7100	2/26	45	12.5	16.2	--

SOIL MOISTURE

STATION		PROFILE (Inches)		SOIL MOISTURE (Inches)			
		DEPTH	CAPACITY	DATE	THIS YEAR	LAST YEAR	2 YEARS AGO
NAME	ELEVATION						
<u>BEAR RIVER</u>							
Emigrant Summit	7350	36	8.2	2/26	2.5	2.6	5.2
Strawberry Creek	5800	48	12.7	2/26	7.8	7.3	6.4
<u>Montpelier Creek</u>							
Giveout Pass	7025	36	9.4	2/28	2.5	2.5	5.3
Jenson Ranch	6580	48	18.7	2/28	6.2	6.6	11.4

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Agencies and Organizations Cooperating in Idaho Snow Surveys

GOVERNMENT AGENCIES

Canada:

Department of Lands, Forests, and
Water Resources, British Columbia
Department of Resources and Development,
Water Resources Division

States:

Idaho State Reclamation Engineer
State of Idaho Department of Fish and Game
University of Idaho
Idaho State University
Montana Agricultural Experiment Station
Montana State Water Conservation Board
Nevada Cooperative Snow Surveys
Oregon Agricultural Experiment Station
Oregon Cooperative Snow Surveys
Oregon State Engineer and Corps of
State Watermasters
Utah Cooperative Snow Surveys
Wyoming Cooperative Snow Surveys

Federal:

U. S. Army Engineers
U. S. Department of Agriculture
Forest Service
Agricultural Research Service
U. S. Department of Commerce
Environmental Sciences Service Administration,
Weather Bureau
U. S. Department of the Interior
Bonneville Power Administration
Bureau of Reclamation
Fish and Wildlife Service
Water Resources Division, Geological Survey
Indian Service
National Park Service
Bureau of Land Management

PUBLIC UTILITIES

The Montana Power Company
Washington Water Power Company
Idaho Power Company
Utah Power and Light Company

ORGANIZED PUBLIC AGENCIES

Big Lost River Irrigation District
Boise Project Board of Control
Little Wood River Irrigation District
Jordan Valley Irrigation District
Salmon Falls Creek Irrigation Company
Twin Falls Soil Conservation District
Twin Lakes Irrigation Company
Big Wood Irrigation Company
Owyhee Project - North & South Board of Control

PRIVATE CORPORATIONS

Amalgamated Sugar Company

*Other organizations and individuals furnish valuable information for
snow survey reports. Their cooperation is gratefully acknowledged.*

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